

# AMET VIKRAM

email: amet97vikram@gmail.com

phone: +91 8368506835

linkedin: in/amet-vikram13

github: amet-vikram13

## WORK EXPERIENCE

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**IBM India PVT. LTD.**

**SDE Internship**

( Jul, 2019 – Dec, 2019 )

- **Integrated** Apple's social login identity in IBM Cloud Identity Connect software.
- **Wrote** unit tests and generated code coverage reports for Health Check API for different microservices in IBM Cloud Identity Connect software.
- **Implemented** and studied about different authentication protocols – OAuth 2.0, OpenID and SAML and "Sign in with Apple REST API 1.0" framework.
- **Technology Used:** Java, Gradle, Docker, Git, NodeJs, JUnit, JaCoCo, Redis, REST Architecture, Back End Web Development, Authentication Services, Microservices

**Webel Technologies**

**SDE Internship**

( May, 2018 – Jul, 2018 )

- **Implemented** browser automation using Selenium web driver and database automation using mysql driver in python3.
- **Wrote** a Python script to scrape etaal.gov.in website and fetch data.
- **Analyzed** and Implemented forecasting and time series methods over e-transaction data in india using IBM SPSS tool.
- **Technology Used:** Python, Git, MySQL, IBM SPSS

## ACHIEVEMENTS

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- **Scored** 370/450 in BITSAT (Top 20%)
- **Rank** 58 in level 3 among 6000 teams in Flipkart GRiD – Te[a]ch The Machines | 2019

## SKILLS

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**Language:** C++, Java, Python, Javascript

**Tools:** NodeJS, Git, Docker, Gradle, Keras

**Technology:** REST Architecture, Back End Web Development, Authentication, Unit Testing

## EDUCATION

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**B.E. (Hons.)**

**Computer Science, 2020**

**B.I.T.S Pilani**

**University, Goa Campus**

**Senior Secondary**

**C.B.S.E , 2015**

**B.G.S International**

**Public School**

**Secondary**

**C.B.S.E , 2013**

**B.G.S International**

**Public School**

## PROJECTS

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**Object Localization using CNN**

Built a deep CNN for object detection in the image and then output the bounding box coordinates for the object in the image. The CNN was trained over 14000 image datasets. **(see project at github)**

**Technology Used:** Python, Git, Keras

**Creating a Linked-Data enabled smart client**

Designed and implemented a linked-data enabled smart client for spotify's api as a proof of concept for linked-data and semantic web.

**(see project at github)**

**Technology Used:** Python, Docker, Git, Redis

**RL Model for solving CartPole-v1 problem**

Built a reinforcement learning model that balances a pole on a cart which is running on flat terrain with a noisy set of parameters like action and sensors. I was required to solve 3 subtasks in this problem.

**(see project at github)**

**Technology Used:** Python, Git, Keras

## RELEVANT COURSEWORK

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**Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Software Engineering, Database Management Systems, Computer Networks, Design and Analysis of Algorithms, Number Theory, Cryptography, Machine Learning, Data Mining, Neural Networks and Fuzzy Logic**